

## AMENDMENTS TO THE SPECIFICATION

The specification amendments are based upon the published PCT application.

Insert the following paragraph on page 2 after the paragraph ending at line 9 and before the paragraph beginning at line 11.

Three examples of optical biometric fingerprint sensors which comprise imaging means for forming an image of a fingerprint on a detector are disclosed, respectively, in International Patent Application Number PCT/US00/24669, Optical Engineering (SPIE), volume 35, No 9, 1996 and Applied Optics volume 36, no 35, December 1997. The first of these (PCT/US00/24469) employs a singles lens; the other two employ arrays of lenses or lens-like elements (micro lenses and arrays of GRIN fibres acting as lenses, respectively.)

Amend the paragraphs at page 2, lines 31 to page 3, line 7 as follows:

According to the first aspect of the present invention, this object is achieved by a biometric sensor according to the pre-characterising portion of claim 1, characterised in that ~~the radiation directing means comprises a planar slab waveguide having a core layer with a region which is at least partly exposed and means for introducing radiation into the core layer such that radiation propagates in the exposed region thereof.~~

Preferably, the sensor further comprises an interference filter (55) disposed between the planar slab waveguide and the detecting means so as to provide a high resolving power. ~~This improves the resolving power of the sensor.~~